30 YEARS

CICLOSPORT®

SPORTS INFORMATION SYSTEMS



CATALOGUE 2009

CICLO

About CicloSport – Sports Information Systems

The company CicloSport K.W. Hochschorner GmbH was founded in 1978 in Stockdorf near Munich. CicloSport has been innovating in the field of sports electronics for over 30 years. Since the founding of CicloSport, the family firm developed into one of the leading sports computer manufacturer of modern times. The brand stands for innovative products and high quality with understandable and usable information diversity.

Over the years CicloSport was one of the pioneer-brands that offered and steadily improved electronic bike computers. In the past 30 years various products have been invented within the CicloSport House.

- 1980 First electronic CicloSport bicycle computer
- 1985 First CicloSport bicycle computer with altimeter
- 1990 First CicloSport heart rate monitor
- 1997 First CidoSport Heart rate / Altimeter / Computer (HAC)
- 2000 First CicloSport navigation system for bicycles-NAVIC
- 2001 Digital wireless transmission system
- 2002 Digital wireless Cardio-Training-Security (CTS) system for groups (up to 20 participants)
- 2002 Radar-Distance-System (RDS) for sport independent speed measurement
- 2005 First bike computer with digital transmission, wireless cadence measurement and automatically bike recognition
- 2007 Introduction of CICLOInZone® to calculate the optimal training area

In addition to the three main areas –
multi-function computers CICLO CONTROL
bike computers CICLO MASTER
and heart rate monitors CICLO PULS
CicloSport completes its product portfolio with the high quality and attractive distribution brands SIDI cycling shoes, BRYNJE functional underwear and NITEFLUX lighting systems for the German market.

CicloSport represents:

- INNOVATION
- QUALITY
- FUNCTIONALITY
- INFORMATION
- DESIGN
- SPORT ENTHUSIASM and
- TRADITION

Not only do our competent bike dealers believe in our products but also our partners, such as the German national Ski team or the professional cyclist Sebastian Lang, trust and rely on Ciclosports creations.



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CicloSport: Sport information devices at the highest level
In the new collection of CicloMaster, the bicycle computers offer a large and very clear 3-level display that guarantees best readability also during full exposure to the sun. They include the new innovative Multiple Choice System (MCS) and provide a detailed tour of the settings menu. This allows the athlete to personalise the product exactly to his or her own needs.
Due to the new USB-Interfaces, all information can be stored on the PC to provide an overview of the overall performance.

Why choose a CicloSport Bicycle Computer?
- Large, well readable 3-level Display
- Personalised Functions
- Provides an aerodynamic design and scratch-safe shell
- Easy to handle due to the uncomplicated menu settings
- Optimal and individual adjustments due to the basis computer including recordings of step frequencies, heart rate measurements and PC analysis-software
- Easy to manage due to the Twist-Kick handlebar
- Multi-Lock handlebar bracket
- TwoInOne System (automatic recognition of digital equipment)

CICLOMASTER

CM 2.1

wired, silver — **Art.-No.: 10103000**



Bike Functions | Clock | Fat Fork kompatibel | Twist Klick | MultiLock

Wired bike computer without buttons

Bike functions
- Speed (current, Ø)
- Daily-/Total kilometres
- Adjustable total kilometres
- Auto start/stop

Additional functions
- Clock (12/24 h)

Scope of delivery
Twist-Klick handlebar, transmitter spoke magnet and fitting material

CM 2.2

wired, silver — **Art.-No.: 10103100**



Bike Functions | Clock | TwoInOne | Power-Down | Fat Fork kompatibel | Twist Klick | MultiLock

Wired bike computer

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Auto start/stop
- TwoInOne-System

Additional functions
- Clock (12/24 h)
- Date
- Power-Down-Mode

Optional Cadence functions
- Cadence (current, Ø, max.)

Scope of delivery
Twist-Klick handlebar, transmitter, spoke magnet and fitting material

CM 4.1

wireless, silver — **Art.-No.: 10103300**



Bike Functions | Clock | Wireless | Fat Fork kompatibel | Twist Klick | MultiLock

Wireless bike computer without buttons

Bike functions
- Speed (current, Ø)
- Daily-/Total kilometres
- Adjustable total kilometres
- Auto start/stop

Additional functions
- Clock (12/24 h)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet and fitting material

CM 4.2

wireless, silver — **Art.-No.: 10103400**





Wireless bike computer

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Auto start/stop
- TwoInOne-System

Additional functions
- Clock (12/24 h)
- Date
- Power-Down-Mode

Optional with accessories
- Cadence functions (current, Ø, max.)
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, best training zone with CICLOInZone®, training zone memory above/within/below heart rate margin, calorie and fat consumption)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet and fitting material

CM 4.2 HR

wireless, silver — **Art.-No.: 10103410**





Wireless bike computer with heart rate measurement

Functions compare to the CM 4.2 but includes additional features:

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Calculation of the best training zone with CICLOInZone®
- Training zone memory above/within/below heart rate margin
- Calorie consumption (current, total)
- Current fat burning

Optional with accessories
- Cadence functions (current, Ø, max.)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet, transmitter belt with elastic strap and fitting material

CM 4.4A

wireless, silver — **Art.-No.: 10103600**





Wireless bike computer with altimeter

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometres (adj.)
- Daily /Total riding time
- Auto start/stop
- TwoInOne-System

Altimeter functions
- Current altitude
- Home altitude storage
- Ascents/descents
- Daily-/Total altitude
- Maximum daily altitude

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date
- Power-Down-Mode

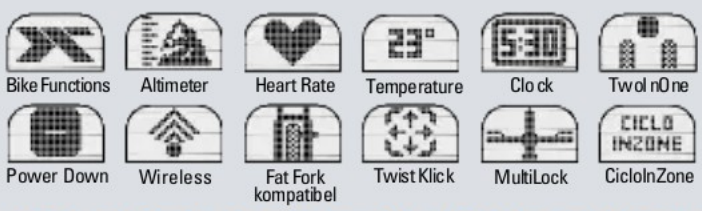
Optional with accessories
- Cadence functions (current, Ø, max.)
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, best training zone with CICLOInZone®, training zone memory above/ within/ below heart rate margin, calorie and fat consumption)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet and fitting material

CM 4.4A HR

wireless, silver — **Art.-No.: 10103610**





Wireless bicycle computer with altimeter and heart rate measurement

Functions compare to the CM 4.4A but includes additional features:

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Calculation of the best training zone with CICLOInZone®
- Training zone memory above/within/below heart rate margin
- Calorie consumption (current, total)
- Current fat burning

Optional with accessories
- Cadence functions (current, Ø, max.)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet, transmitter belt with elastic strap and fitting material

CM 8.2

digital transmission — **Art.-No.: 10103700**



Bike Functions · Clock · TwoInOne automatic · Power Down · Wireless Digital · Fat Fork kompatibel · Twist Klick · MultiLock

Wireless bike computer with digital transmission (BlueEye III – 2,4 GHz)

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Auto start/stop
- TwoInOne-System automatically

Additional functions
- Clock (12/24 h)
- Date
- Power-Down-Mode

Optional with accessories
- Cadence functions (current, Ø, max.)
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, best training zone with CICLOInZone®, training zone memory above/within/ below heart rate margin, calorie and fat consumption)
- PC evaluation

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet and fitting material

CM 8.3A

digital transmission — **Art.-No.: 10103800**



Bike Functions · Altimeter · Temperature · Clock · TwoInOne automatic · Power Down · Night-Light-Display · Wireless Digital · Fat Fork kompatibel · Twist Klick · MultiLock

Wireless, digital bike computer with altimeter (BlueEye III – 2,4 GHz)

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometers (adj.)
- Daily /Total riding time
- Auto start/stop
- TwoInOne-System automatically

Altimeter functions
- Current altitude
- Home altitude storage
- Ascents/descents
- Daily-/Total altitude
- Daily-/Maximum altitude
- Climb/Sink variometer (current, Ø, max.)

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date
- Power-Down Mode
- Night-Light-Display

Optional with accessories
- Cadence functions (current, Ø, max.)
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, best training zone with CICLOInZone®, training zone memory above/within/ below heart rate margin, calorie and fat consumption)
- PC evaluation

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet and fitting material

CM 8.3AM

digital transmission — **Art.-No.: 10103900**



Bike Functions · Altimeter · Temperature · Clock · TwoInOne automatic · Power Down · Night-Light-Display · Wireless Digital · Fat Fork kompatibel · Twist Klick · MultiLock · PC-Evaluation

Wireless, digital bike computer with altimeter and PC evaluation (BlueEye III – 2,4 GHz)

Bike functions
- Speed (current, Ø, max.)
- Speed comparison
- Daily-/Total kilometers (adj.)
- Daily /Total riding time
- Auto start/stop
- TwoInOne-System automatically

Altimeter functions
- Current altitude
- Home altitude storage
- Ascents/descents
- Daily-/Total altitude
- Daily-/Maximum altitude
- Climb/Sink variometer (current, Ø, max.)

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date
- Power-Down Mode
- Night-Light-Display

Optional with accessories
- Cadence functions (current, Ø, max.)
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, best training zone with CICLOInZone®, training zone memory above/within/ below heart rate margin, calorie and fat consumption)

Scope of delivery
Twist-Klick handlebar bracket, transmitter, spoke magnet, USB-Interface with software and fitting material

Blackline
The Blackline-Series offers reliable and flexible bicycle computers, which can be used in various environments and situations.

Reverse Shift
This feature allows the user to move quicker and more smoothly through the cycling menu by easily moving backwards and forwards.



CM 2.06 Blackline

wired, black — Art.-No.: 10102206



Bike Functions | Clock | Fat Fork kompatibel | MultiLock

Wired bike computer

Bike functions
- Speed (current, Ø)
- Daily-/Total kilometres
- Auto start/stop

Additional functions
- Clock (12/24 h)

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

CM 2.09 Blackline

wired, black — Art.-No.: 10102209



Bike Functions | Clock | Service-Interval | Reverse Shift | Fat Fork kompatibel | MultiLock

Wired bike computer

Bike functions
- Speed (current, Ø)
- Daily-/Total kilometres (adjustable)
- Daily riding time
- Auto start/stop

Additional functions
- Clock (12/24 h)
- Service-Interval display

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

CM 4.09 Blackline

wireless, black — Art.-No.: 10102409



Bike Functions | Clock | Service-Interval | Wireless | Reverse Shift | Fat Fork kompatibel | MultiLock

Wireless bicycle computer

Bike functions
- Speed (current, Ø)
- Daily-/Total kilometres (adjustable)
- Daily riding time
- Auto start/stop

Additional functions
- Clock (12/24 h)
- Service-Interval display

Optional with accessories
- Cadence functions (current, Ø, max.)

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

CM 4.33 Blackline

wireless, black — **Art.-No.: 10102433**



Bike Functions · Altimeter · Temperature · Clock · Wireless · Reverse Shift · Fat Fork kompatibel · MultiLock

Wireless bicycle computer with altimeter

Bike functions
- Speed (current, Ø, max.)
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Speed comparison
- Power functions (current, Ø, max.)
- Auto start/stop
- TwoInOne-System

Altimeter functions
- Current altitude
- Home altitude storage
- Ascents/descents
- Daily-/Total altitude
- Daily-/Maximum altitude

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date

Optional with accessories
- Cadence functions (current, Ø, max.)
- Also wired usable

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

CM 6.28 Blackline

wireless, black — **Art.-No.: 10102628**



Bike Computer · Stopwatch · Clock · TwoInOne automatic · Power Down · Wireless Digital · Reverse Shift · Fat Fork kompatibel · MultiLock · Service-Interval

Digital, wireless bike computer

Bike functions
- Speed (current, Ø, max.)
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Speed comparison
- Auto start/stop
- TwoInOne-System
- Service Interval

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date
- Stop watch functions

Optional with accessories
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, training zone memory above/within /below heart rate limit, acoustical and optical signal)
- Cadence functions (current, Ø, max.)

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

CM 6.28HR Blackline

wireless, black — **Art.-No.: 10102629**



Bike Functions · Heart Rate · Stopwatch · Clock · TwoInOne automatic · Power Down · Wireless Digital · Reverse Shift · Fat Fork kompatibel · MultiLock · Service-Interval · CicloInZone

Wireless bike computer with heart rate measurement

Bike functions
- Speed (current, Ø, max.)
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Speed comparison
- Auto start/stop
- TwoInOne-System
- Service Interval

Temperature functions
- Temperature (current, Ø, max.)

Additional functions
- Clock (12/24 h)
- Date
- Stop watch functions

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Calculation of the best training zone with CICLOInZone®
- Training zone memory above/within/below heart rate margin
- Optical and acoustical signal

Optional with accessories
- Heart rate functions (current, Ø, max., lower and upper heart rate limit, training zone memory above/within /below heart rate limit, acoustical and optical signal)
- Cadence functions (current, Ø, max.)

Scope of delivery
Handlebar bracket, transmitter, spoke magnet and fitting material

Functions list for the CICLOMASTER-Series

CICLO MASTER

	CM 2.1	CM 2.2	CM 4.1	CM 4.2	CM 4.2HR	CM 4.4A	CM 4.4A HR	CM 8.2	CM 8.3A	CM 8.3AM	CM 2.06	CM 2.09	CM 4.09	CM 4.33	CM 6.28	CM 6.28HR
Bike functions																
Current speed	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Average speed	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Maximum speed		●		●	●	●	●	●	●	●		●	●	●	●	●
Speed control		●		●	●	●	●	●	●	●				●	●	●
Daily kilometres/miles	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Total kilometres/miles	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Adjustable daily kilometres/miles		●		●	●	●	●	●	●	●		●	●	●	●	●
Adjustable total kilometres/miles	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
Daily riding time		●		●	●	●	●	●	●	●		●	●	●	●	●
Total riding time		●		●	●	●	●	●	●	●				●	●	●
Current rise/descent						●	●		●	●				●		
Auto start/stop	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cadence functions																
Current/average/maximum		○		○	○	○	○	○	○	○				○**	○	○
Heart rate functions																
Current heart rate				○	●	○	●	○	○	○					○	●
Average heart rate				○	●	○	●	○	○	○					○	●
Maximum heart rate				○	●	○	●	○	○	○					○	●
Programmable heart rate limit				○	●	○	●	○	○	○					○	●
Recordable heart rate time*				○	●	○	●	○	○	○					○	●
CICLOInZone®				○	●	○	●	○	○	○					○	●
Altimeter functions																
Current altitude						●	●		●	●				●		
Home altitude						●	●		●	●				●		
Daily/total altimeters (cum. up/down)						●	●		●	●				●		
Max. daily altitude						●	●		●	●				●		
Performance functions																
Actual performance (watt)														●		
Average performance (watt)														●		
Maximal performance (watt)														●		
Watch functions																
Time of day (12h/24h)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Date		●		●	●	●	●	●	●	●				●	●	●
Temperature functions																
Current temperature						●	●		●	●				●		
Average temperature						●	●		●	●						
Maximum temperature						●	●		●	●						
Various functions																
Calorie consumption				○	●	○	●	○	○	○					○	●
Fat burning															○	●
PowerDown-Modus		●		●	●	●	●	●	●	●					●	●
Wireless transmission			●	●	●	●	●	●	●	●			●	●	●	●
Digital transmission								●	●	●					●	●
Two in one-system (manual)		●		●	●	●	●							●		
Two in one-system (automatic)								●	●	●					●	●
PC evaluation (via interface)								○	○	○						
Auto-Scroll															●	●
Ascent/decent														●		
Stopwatch															●	●
Service- Interval											●	●			●	●
Climbing functions (No-Bike-Modus)						●	●		●	●				●		

* within, above, below ** just present cadence

● included ○ available for

MULTI FUNCTION COMPUTER

CICLO CONTROL

HAC 4000

wireless, carbon/silver

Art.-No.: 10301500



Bike Functions · Altimeter · Heart Rate · Calorie Consumption · Clock · Stopwatch · Alarm · Power Down

CicloInZone · Temperature · Night-Light-Display · TwoInOne · Wireless · Fat Fork kompatibel · Twist Klick · MultiLock

Wireless Bike computer with Heart rate-, Altimeter-, Performance functions

Bike functions
- Speed (current, Ø, max.)
- Kilometres or miles adjustable
- Daily-/total kilometres (adjustable)
- Daily-/total riding time
- Time/distance comparison
- Power in watt (current, Ø, max.)
- Auto start / stop
- TwoInOne-System

Heart rate functions
- Current heart rate
- Average heart rate
- Maximum heart rate
- Lower/upper limit (2 areas)
- CicloInZone
- Heart rate limit storage
- Recovery heart rate
- Heart rate bargraph (coloured)
- Acoustic signal
- Heart rate/time manager
- Calorie consumption (current, total)

Altimeter functions
- Current height
- Home altitude storage
- Daily-/total altimeters up/down
- Maximum daily altitude
- Ascent/descent speed (current, Ø, max.)
- Number of ascents/descents a day
- Temperature (current, Ø, max.)

Additional functions
- Time, Date
- Stop watch, lap and intermediate times
- 2 countdowns
- Alarm
- Night-Light Display / Light manager
- Ski/snowboard speed (current, Ø, max.)
- Adjustable recording intervals (2, 5, 10 or 20 seconds)

Optional with accessories
- PC evaluation
- Cadence functions (current, Ø, max.)

Scope of delivery
Wrist band, Twist-Klick handlebar bracket, transmitter, spoke magnet, fitting material and transmitter belt with elastic strap, short instruction manual and CD-ROM with manual

HACtronic Pro

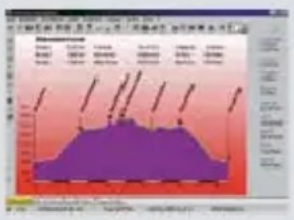
PC Interface with Software for HAC 4000

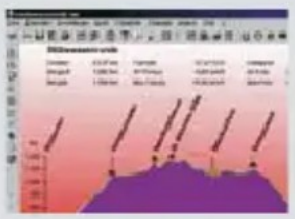
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PC-Auswertung







HAC 4000 Plus

wireless

Art.-No.: 10301600



Bike Functions · Altimeter · Heart Rate · Calorie Consumption · Clock · Stopwatch · Alarm · Power Down · Cadence

CicloInZone · Temperature · Night-Light-Display · TwoInOne · Wireless · Fat Fork kompatibel · Twist Klick · MultiLock · PC Evaluation

Wireless Bike computer with Heart rate-, Altimeter-, Cadence-, and Performance functions as well as PC-analysis

Functions compare to the HAC 4000 but includes additional features

Cadence Functions
- Cadence (current, average, max.)
- Optional Cadence Limit

PC-Evaluation
- USB-Interface incl. Software

Scope of delivery
Wrist band, Twist-Klick handlebar bracket, speed transmitter, spoke magnet, cadence transmitter, cadence magnet, USB-Station, fitting material and transmitter belt with elastic strap, short instruction manual and CD-ROM with software and manual

HAC5 – The digital multifunction-computer
The HAC5 is an ideal product as it is able to carry out more than 90 different functions and is easy to manage due to its easy and comfortable menu settings. This device is not only loved by cyclists but also runners, skiers and rock climbers find the invention to be an efficient and helpful tool to use.
This computer allows the individual to adapt all functions to his or her personal needs and the computer software, which is included, allows the device to constantly be up to date with new available programs.
This function is unique in its class.



CICLO CONTROL

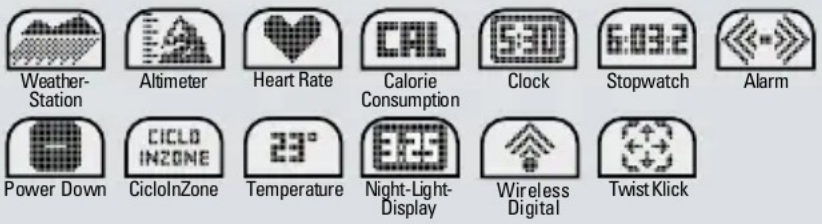
HAC 5 Base Titan

digital transmission — **Art.-No.: 10302211**

HAC 5 Base Black

digital transmission — **Art.-No.: 10302213**





Functions
- Heart rate functions
- Altimeter functions
- Barometer functions
- Temperature functions
- Ski-/Snowboard speed functions
- Calorie functions
- Sport watch functions

Further functions/features
- Variable recording time (adjustable memory intervals)
- Power-Down-Mode
- DOT-Matrix with 7 segment display
- Functions turn on/off
- PC evaluation
- Optical/acoustical signal (can be turned off)
- Digital transmission
- Battery indication
- Light manager

Optional with accessories
- Bike functions
- Cadence functions
- PC evaluation
- RDS II - speed and distance measurement

Scope of delivery
Wristband, Transmitter belt with elastic strap, digital and wireless speed transmitter, spoke magnet, digital and wireless cadence transmitter, cadence magnet, fitting material, USB Interface, CD with manuals and software

HAC 5 Bike Set

wireless, digital — **Art.-No.: 11402200**





Functions
- Speed
- Kilometres or Miles
- Daily/-Total Kilometres (adj.)
- Daily-/Total riding time

Scope of delivery
Speed transmitter, spoke magnet, digital and wireless cadence transmitter, cadence magnet, fitting material

HAC 5 Interface

Art.-No.: 10302220

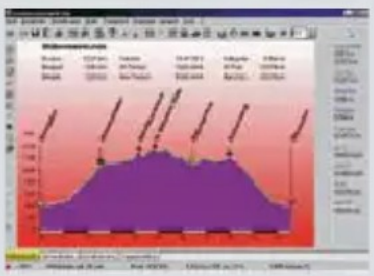

(without HAC 5)


PC-Evaluation

PC evaluation
- USB-Interface

Scope of delivery
USB-Interface with PC-Software





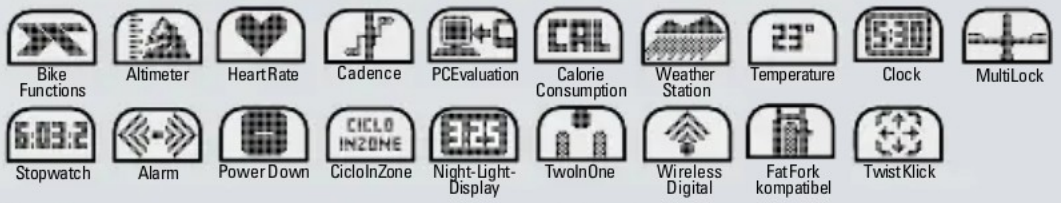
HAC 5 Titan

digital transmission — **Art.-Nr.: 10302201**

HAC 5 Black

digital transmission — **Art.-Nr.: 10302203**





Functions
- Bike functions
- Heart rate functions
- Altimeter functions
- Power functions
- Barometer functions
- Temperature functions
- Cadence functions
- Ski-/Snowboard speed functions
- Calorie functions
- Sport watch functions
- PC evaluation

Further functions/features
- Variable recording time (adjustable memory intervals)
- Power-Down-Mode
- DOT-Matrix with 7 segment display
- Functions turn on/off
- PC evaluation
- Optical/acoustical signal (can be turned off)
- Digital transmission
- Battery indication
- Light manager

Optional with accessories
- RDS II – speed and distance measurement

Scope of delivery
Handlebar bracket, digital transmitter belt with elastic strap, digital and wireless speed transmitter, spoke magnet, digital and wireless cadence transmitter, cadence magnet, fitting material, USB Interface, CD with manuals and software

The official sponsor of the German Alpine National Ski team







RDS II

sport independent, wireless — **Art.-No.: 10280100**



Sport independent speed and distance measurement – Perfect for Jogging, Nordic Walking, Inline-Skating or Skiing –

Speed functions
- Speed (current, Ø, max.)
- Speed control
- Daily-/Total kilometres (adj.)
- Daily-/Total riding time
- Units: km/h or min/km – mph or min/mile
- 4 Speed levels (adjustable)

Additional functions
- Clock (12/24 h)
- Auto scroll
- Battery level
- Temperature (current, Ø, max.)

The „Doppler" effect is used so that radar waves are able to measure the speed and distance. This ca. 65 g device was developed by the German Fraunhofer Institut, manufactured by Siemens and tested at sled dog races in Alaska e.g. The high measuring precision of about 99% guarantees precise information.
No errors or breakdown as on GPS devices or transmission problems due to high voltage lines.

Scope of delivery
Belt pouch



Functions list for the HAC-Series

CICLO CONTROL

	HAC 4000	HAC 4000 Plus	HAC 5 Base	HAC 5
Watch functions				
Time of day (12h/24h)	●	●	●	●
Date, Alarm	●	●	●	●
Stopwatch, Countdown	●	●	●	●
100 Laps/split times	●	●	●	●
Autoscroll			●	●
Power-Down Modus	●	●	●	●
Battery indication	●	●	●	●
Night-light Display with Light manager	●	●	●	●
Altimeter				
Current altitude	●	●	●	●
Daily altimeters (cum. Up/Down)	●	●	●	●
Total altimeters (cum. Up/Down)	●	●	●	●
Ascent/decent speed (current/average/max.)	●	●	●	●
Total ascent/decent (cum. Up/Down)	●	●	●	●
Ski/Snowboard speed	●	●	●	●
Barometer functions				
Reduced air pressure (related to sea level)			●	●
Time lapse of the last 12 h			●	●
Forecast (up to 6 h)			●	●
Temperature (current/average/max.)	●	●	●	●
Bike functions				
Speed (current, average, max.)	●	●	○	●
Daily/Total kilometres	●	●	○	●
Daily/Total tour time	●	●	○	●
Ascent/decent in % (current/average/max.)	●	●	○	●
Cadence (current/average/max.)	○	●	○	●
TwoInOne-System	●	●	○	●
Performance functions				
Performance in watt (current/average/max.)	●	●	●	●
Heart rate functions				
Heart rate (current/average/max.)	●	●	●	●
Heart rate % in relation to max. Heart rate			●	●
Heart rate limits	●	●	●	●
Trainings area with CicloInZone	●	●	●	●
HF-Timemanager	●	●	●	●
Times over/within/under HF limits	●	●	●	●
Recovery heart rate	●	●	●	●
Calories lost (current/max)	●	●	●	●
Various functions				
Wireless data transmission	●	●	●	●
Digital data transmission			●	●
Adjustable memory intervals	●	●	●	●
Able to upload	●	●	●	●
Functions turn on/off			●	●
PC evaluation				
Speed evaluation	○	●	○	●
Height profile (ascent/decent)	○	●	○	●
Heart rate records	○	●	○	●
Performance analysis	○	●	○	●
Cadence indication	○	●	○	●
Temperature change	○	●	○	●

* within, above, below

● included ○ available for

** HACtronic/CicloTour/CicloTrainer

The Outdoor experts – XC Series

XC-3 and XC-4 are the new Outdoor-watches by CicloSport. These devices are able to calculate and store all important information which is recorded during their use.
The new XC-4 is able to determine various altimeter functions which include height and current altitude measurements. It also includes a compass and barometer functions which are able to determine the daily highest and lowest point of air pressure as well as minimal, maximal and current temperature.
Also, an impressive function such as a finger sensor is built into the XC-4 and allows the computer to calculate calories lost and measure the heart rate. Additional functions such as alarms, a stop watch and a night light display takes this product to another level.
The XC-3 includes all of the XC-4 functions except the heart rate functions which are unique to the XC-4.



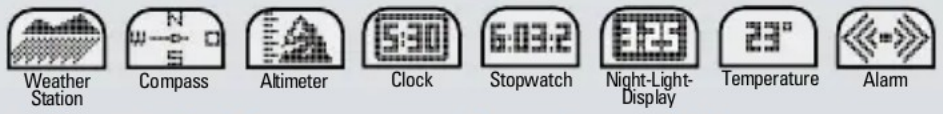
CICLO CONTROL

XC-3

black/grey

Art.-No.: 51000003





Outdoor-Watch with compass, weather station and altimeter

Altimeter functions
- Current altitude
- Climb/sink rate (ft or m/min)
- Ascents/descents
- Altitude alarm (adjustable)

Compass functions
- Current position

Barometer functions
- Current air pressure
- Daily highest/lowest air pressure
- Temperature current, minimal, maximal

Additional functions
- Optical and acoustical Alarm
- Stop watch, lap time
- Clock (12/24h), date, alarm, timer
- Night-Light-Display

XC-4

black/grey

Art.-No.: 51000004





Outdoor-Watch with compass, weather station, heart rate measurement and altimeter

Altimeter functions
- Current altitude
- Climb/sink rate (ft or m/min)
- Ascents/descents
- Altidude alarm (adjustable)

Compass functions
- Current position

Heart rate functions
- Heart rate current / minimal / maximal
- Memory space for 50 data
- Lower and upper heart rate limit (adjustable)
- Calorie consumption (total)

Barometer functions
- Current air pressure
- Daily highest/lowest air pressure
- Temperature current, minimal, maximal

Additional functions
- Optical and acoustical Alarm
- Stop watch, lap time
- Clock (12/24h), date, alarm, timer
- Night-Light-Display

The Outdoor experts – ALPIN Series
The CicloControl ALPIN multifunction computers assure efficient and reliable calculations not only in extreme locations but also in more moderate and daily situations.





CICLO CONTROL

ALPIN 3

black/stainless steel

Art.-No.: 10400000





Altimeter functions
- Current altitude
- Cumulated daily altimeters
- Daily-/Total altitude
- Cumulated total altimeters

Barometer functions
- Reduced air pressure (related to sea level)
- Time-lapse of the last 12 hours
- Forecast of the following 6 hours
- Pressure tendency
- Automatic/manual switch from altitude into barometer mode

Ski-/snowboard speed functions
- Speed (current, Ø, max.)

Temperature functions
- Temperature (current, Ø, max.)

Variometer functions
- Ascents/descents (current, Ø, max.)
- Number of ascents
- Number of descents

Ascents/descents time functions
- Daily-/total tour time

Altitude/time countdown functions
- Target altitude storage
- Remaining altitude advice
- Remaining ascent time
- Target altitude alarm
- Target depth alarm

Power functions
- Power in watt (current, Ø, max.)

Calorie functions
- Daily-/total calories

Additional functions
- Clock (12/24 h)
- Date
- Alarm
- Stop watch
- Interims
- Lap time
- 100 laps (split) times
- Countdown
- Night-Light Display
- Light-Manager

Optional with accessories
- PC evaluation with USB Interface

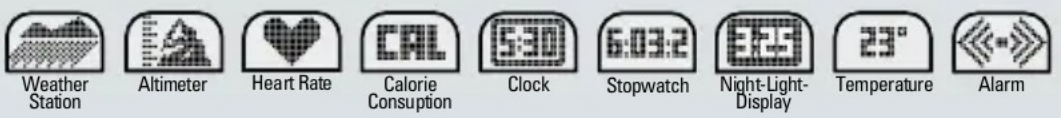
Scope of delivery
Universal handlebar bracket

ALPIN 5

black/stainless steel

Art.-No.: 10400700





Altimeter functions
- Current altitude
- Cumulated daily altimeters
- Daily-/Total altitude
- Cumulated total altimeters

Barometer functions
- Reduced air pressure (related to sea level)
- Time-lapse of the last 12 hours
- Forecast of the following 6 hours
- Pressure tendency
- Automatic/manual switch from altitude into barometer mode

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Recovery heart rate
- Heart rate limit storage
- Acoustic signal

Ski-/snowboard speed functions
- Speed (current, Ø, max.)

Temperature functions
- Temperature (current, Ø, max.)

Variometer functions
- Ascent/descent (current, Ø, max.)
- Number of ascents
- Number of descents

Ascents/descents time functions
- Daily-/total tour time

Altitude/time countdown functions
- Target altitude storage
- Remaining altitude advice
- Remaining ascent time
- Target altitude alarm
- Target depth alarm

Power functions
- Power in watt (current, Ø, max.)

Calorie functions
- Daily-/total calories

Additional functions
- Clock (12/24 h)
- Date
- Alarm
- Stop watch
- Interims
- Lap time
- 100 laps (split) times
- Countdown
- Night-Light Display
- Light-Manager

PC evaluation
- USB Interface with ALPtronic software

Scope of delivery
Universal handlebar bracket, transmitter belt with elastic strap, PC evaluation with USB-Interface and ALPtronic software





CICLO PULS

CP 12C

black/silver

Art.-No.: 10241000



Heart Rate | Calorie Consumption | Clock | Stopwatch | Alarm

Professional heart rate monitor

Attractive design, sweat resistant sport wrist band, three line display, easy handling and battery exchange

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Lap-time heart rate average
- Heart rate limit storage

Calorie functions
- Calorie consumption

Additional functions
- Clock (12/24 h)
- Date
- Alarm
- Stop watch
- Optical/acoustical signal

CP 13is

black/silver

Art.-No.: 10290513



Heart Rate | Clock | Stopwatch | Alarm | Night-Light-Display

Professional heart rate monitor with CICLOInZone®

Attractive design, sweat resistant sport wrist band, two line display, easy handling and battery exchange

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Calculation of the optimum training zone with CICLOInZone®
- Training zone memory above/within/below heart rate limit
- Optical/acoustical signal
- Heart rate bargraph (in colour)

Additional functions
- Stopwatch
- Clock (12/24 h)
- Date
- Alarm
- Night-Light Display
- Alarm on/off

Scope of delivery

Universal handlebar bracket, transmitter belt with elastic strap

CP 16is

black/champagne

Art.-No.: 10290516



Heart Rate | Calorie Consumption | Clock | Stopwatch | Alarm | Night-Light-Display

Professional heart rate monitor with CICLOInZone®

Attractive design, sweat resistant sport wrist band, two line display, easy handling and battery exchange

Heart rate functions
- Heart rate (current, Ø, max.)
- Lower and upper heart rate limit
- Calculation of the optimum training zone with CICLOInZone®
- Training zone memory above/within/below heart rate limit
- Optical/acoustical signal
- Heart rate bargraph (in colour)
- Calorie consumption (current, total)

Additional functions
- Stopwatch
- Clock (12/24 h)
- Date
- Alarm
- Night-Light Display
- Alarm on/off

Scope of delivery

Universal handlebar bracket, transmitter belt with elastic strap





CICLOInZone®

CicloInZone-CD

Art.-No.: 10301140



Never before has training been so easy!
The new heart rate guided CICLOInZone® training and nutrition companion is very helpful for both, performance orientated athletes and general sports enthusiasts.

Thanks to the CICLOInZone® software the development of power, endurance and fat burning will be encouraged. CICLOInZone® training and nutrition companion was developed by experienced training scientists, athletes and cardiologists.

How the personal CICLOInZone® is calculated?

Many sportsmen train in heart rate zones, which were calculated by 'rules of thumb' and are based on average values. The CICLOInZone®, which means the individual heart rate training zone, is calculated on the basis of personal data, the fitness level and the resting pulse through the easy handling software program on excel basis, which is included on the software CD. The CICLOInZone® calculates an individual trainings zone and works as a training recommendation.

As an optional activity and nutrition program, the CICLOInZone® software CD is the optimum completion to the heart rate monitor.

CTS Cardio-Training-Security

Art.-No.: 10721000



Cardio Training Security – CTS

Following the development of digital transmission for heart rate monitors by CicloSport and IAR Systems went a step further. CicloSport produced a system that is able to read the heart rate of up to 20 people. The data is presented on the screen of a conventional computer or notebook, enabling a coach/trainer to monitor the heart rates of a large group from one central device.
The system was originally developed for the heart rate control of indoor cycling groups in fitness studios but it can also be tailored for various other applications by using the existing and forthcoming ancillary components.

Assembly and functionality of the CTS system:

Functions

- Input of individual and training relevant details
- Storage of individual training data
- Recall of saved data for analysis
- Simple allocation of athletes to the chest belts
- Automatic scanner function for recognition of all belts within the receiving radius
- Simultaneous storage of all athletes' data within each session
- Usage of database possible without receiver being attached
- Data can be saved in .cts and .xls format for easy transfer to other evaluation programs
- Device is adaptable and can even be used outdoors through a 9V adapter (for example in 12V socket in a car)
- Long distance chest belts for athletics or sport grounds etc available

Scope of delivery

Base unit, scanner, power supply, cable, connecting gel, software and user manual.

References

OLYMPIA

NATO OTAN

TECHNISCHE UNIVERSITÄT MÜNCHEN

Ständige Vertretung der Bundesrepublik Deutschland bei der Nordatlantikpakt-Organisation



Team-Table



Individual report

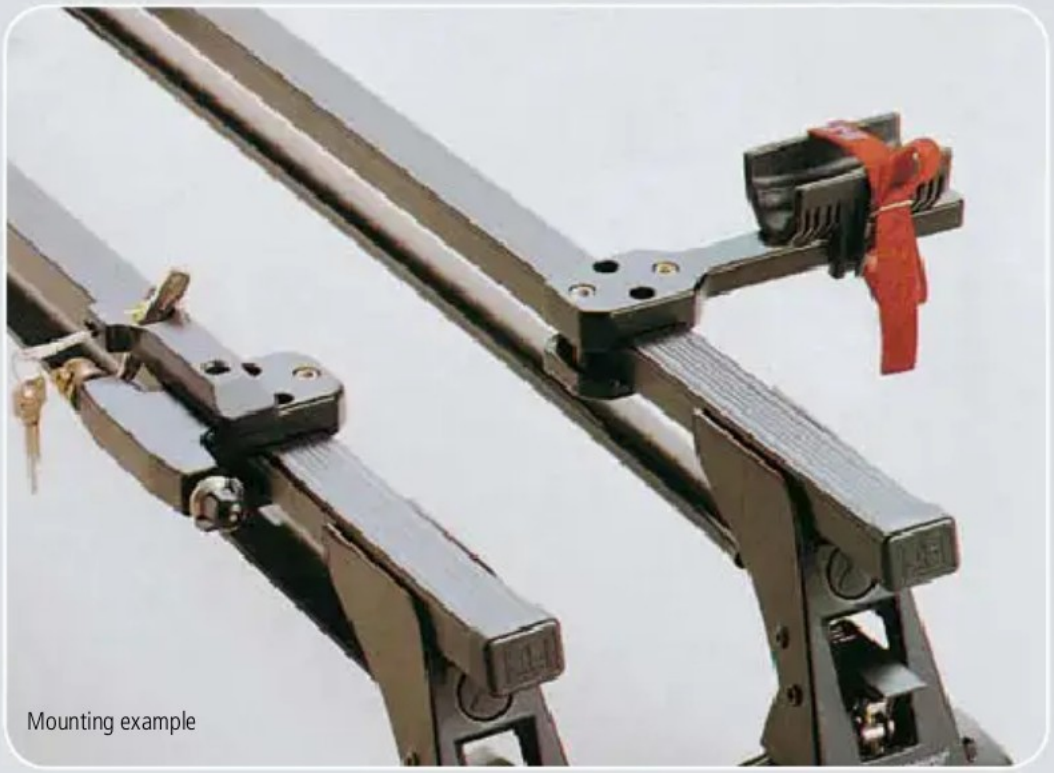


Total evaluation

Super 2000 Bike carrier with safe

black

Art.-Nr.: 201400



Mounting example



Aerodynamic, strong and made with coated aluminium

- Compatible with all carrier systems
- Also suitable for Mountain Bikes, Touring- and Trekking Bikes
- Quick release fastener for a faster and less complicated installation
- Aerodynamic due to its flat structure
- Adjustable back wheel support
- Therefore suitable for all bike models
- Not prone to rust



incl. Safe

A lock for the Supper 2000 to protect the bikes

- Made with coated aluminium
- Not prone to rust



CICLO Marathon



Rain covershoe

- Overshoe made of bi-elastic waterproof laminated polyester
- Suitable for mountain bike shoes as well as for racing shoes
- For all current pedal systems
- Back zip with parallel double reflecting stripes
- Reflecting velcro strap for zip-fastening

	black
23310100	36-38
23310200	39-41
23310300	42-44
23310400	45-47





Wireless transmission from transmitter to receiver



Cadence functions



Heart rate functions



Data and graphical representation
of the stored values
(HACtronic, CICLOtour, CICLOtrainer)



Displays the calorie consumption



Fat fork compatibility of the transmitter
and fitting material



Clock



Two different wheel circumferences
can be measured



Energy saving mode



Altimeter functions



Alarm



Comfortable and secure rotation system
to fix the bike computer into the handlebar
bracket or wristband



Intermediate and lap time memory



Possibility of forward and backward
movements into the cycling menu



Interval for bike service



Digital wireless transmission from transmitter
to receiver



Illumination display



Temperature functions



Bicycle functions



Air pressure changes based weather forecasts



Point of the compass



Calculation of the best individual training area



Place the bike computer either on the stem
or on the handlebar



Automatically bike recognition,
due to digital transmission technology

CICLOSPORT®
SPORTS INFORMATION SYSTEMS

For more information please visit our website

www.ciclosport.de

Technical changes, errors and colour differences to be reserved.